



Product Evaluation

WIN2261 | 0118

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2261

Effective Date: January 1, 2018

Re-evaluation Date: February 2021

Product Name: Camelot Series TrustGard Vinyl Fixed Windows, Fin Installation, Non-Impact Resistant

Manufacturer: Ventana USA
6001 Enterprise Drive
Export, PA 15632
(724) 325-3400

General Description:

System	Description	Label Rating	Design Pressure Rating
1	TrustGard Vinyl Picture Window	CW-PG50 76 x 70-FW	+50 / -50 psf
2	TrustGard Vinyl Picture Window	CW-PG70 60 x 60-FW	+60 / -60 psf
3	TrustGard Vinyl Picture Window	CW-PG80 48 x 48-FW	+80 / -80 psf

Product Dimensions:

System	Overall Size
1	76" x 70"
2	60" x 60"
3	48" x 48"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 10-120
	Product Name	Camelot Series – TrustGard 730 Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 10-121
	Product Name	Camelot Series – TrustGard 730 Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 10-122
	Product Name	Camelot Series – TrustGard 730 Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation (One of the Following):

Wood Wall Framing (screws): The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The windows must be secured to the wall framing using the nail fin of the window with minimum No. 6 wood screws. The fasteners must be located approximately 2" from each corner and approximately 9" on center along the perimeter of the window. The fasteners must be long enough to penetrate a minimum of 1" into the wall framing.

Wood Wall Framing (nails): The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The windows must be secured to the wall framing using the nail fin of the window with minimum 0.113" x 2" ring shank nails. The fasteners must be located approximately 2" from each corner and approximately 4" on center along the perimeter of the window. The fasteners must be long enough to penetrate a minimum of 1-3/4" into the wall framing.

Steel Wall Framing: The steel wall framing members must be minimum 18-gauge, 33 ksi steel. The windows must be secured to the wall framing using the nail fin of the window with minimum No. 10-16 TEKS screws. The fasteners must be located approximately 2" from each corner and approximately 9" on center along the perimeter of the window. The fasteners must be long enough to penetrate a minimum of 3 pitches of thread beyond the steel framing.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.